

REMARKS

Applicants thank the Examiner for the thorough consideration given the present application. Claims 1-52 are pending in this application. Claims 1, 3-8, 13-18, 20-22, 24-28, 30-35, 37, 40, 41, 44-48, and 50-52 are amended. Claims 1, 6, 18, 20, 25-28, 33, 44, 45, and 50-52 are independent.

Reconsideration of this application, as amended, is respectfully requested.

Information Disclosure Statement

The Examiner has acknowledged receipt of the Information Disclosure Statement filed August 9, 2002, and has returned an initialed copy of the Form PTO-1449. No further action is necessary at this time.

Rejections under 35 U.S.C. §102(e)/§103(a)

Claims 1, 3-15, 17-28, 30-41 and 43-52 are rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 5,995,933 to Fado et al. Claims 2, 16, 29, and 42 are rejected under 35 U.S.C. §103(a) as being unpatentable over Fado et al. in view of U.S. patent No. 6,131,111 to Yoshino et al. These rejections are respectfully traversed.

While not conceding the appropriateness of the rejection, but merely to advance prosecution of the instant application,

the independent claims are amended to recite that at least one peripheral device generates an audio signal and a video signal.

Fado et al. merely discloses a system for configuring microphones and audio systems and computer systems, in which a screen display for a graphical user interface shows buttons for power and audio devices such as a headset 126, a signal adapter 128, a power adapter 130, and a battery adapter 132, where the headset 126 includes a microphone, as shown, for example, in FIG. 5. The display includes picture and text having instructions for making connections and for properly wearing equipment. However, none of the devices shown in the display generates both an audio signal and a video signal as set forth in the independent claims of the present invention.

In rejecting claims 2, 16, 29 and 42, the Office Action relies on Yoshino et al. for a teaching of a television receiver connected to a personal computer. However, Yoshino et al. does not teach or suggest the above-cited features of the independent claims and, therefore, fails to cure the deficiencies of Fado et al.

In view of the foregoing, it is respectfully submitted that independent claims 1, 6, 18, 20, 25, 26, 27, 28, 33, 44, 45 and 50-52 are in condition for allowance and that the dependent claims, which depend directly or indirectly from these allowable

independent claims, are also allowable for at least the same reasons, as well as for the additional limitations provided by these claims. Accordingly, all claims are in condition for allowance, and reconsideration and withdrawal of the rejections under 35 U.S.C. §102(e) and §103(a) are respectfully requested.

Conclusion

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. It is believed that a full and complete response has been made to the outstanding Office Action, and that the present application is in condition for allowance.

However, if there are any outstanding issues, the Examiner is invited to telephone Sam Bhattacharya (Reg. No. 48,107) at 703-205-8000 in an effort to expedite prosecution.

Applicants respectfully petition under the provisions of 37 C.F.R. §1.136(a) and § 1.17 for a one-month extension of time in which to respond to the Examiner's Office Action. The Extension of Time Fee in the amount of \$110.00 is attached hereto.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any

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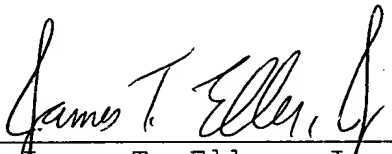
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additional fees required under 37 C.F.R. §§ 1.16 or 1.17,
particularly extension of time fees.

Respectfully submitted,

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0465-0748P

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Attachments: Abstract of the Disclosure
Version with Markings to Show Changes Made

VERSION WITH MARKINGS TO SHOW CHANGES MADE

The Abstract has been amended as follows:

[In the] A method and apparatus are provided for assisting a user to make a connection between a main device and peripheral device[, an]. An illustration visually demonstrating how to connect [a peripheral device or combination of] one or more peripheral devices to the main device is displayed on [the] a display screen. [More specifically, in] In one embodiment, the illustration shows at least one connecting portion of the main device, the connecting portion of at least one peripheral device, and the connection between the connecting portion of the main device and the connecting portion of the peripheral device. In [an alternative] another embodiment, more than one or all of the connecting portions of the main device are shown [in the illustration]. [In addition to or instead of the alternative embodiment] Alternatively, the connecting [portion] portions of a plurality of a peripheral devices are shown [in the illustration. In another embodiment of the present invention, the illustration shows at least one connecting portion of the main device, and the connections to make to the connecting portion of the main device when connecting a particular peripheral device.]

Claims 1, 3-8, 13-18, 20-22, 24-28, 30-35, 37, 39-41, 44-48, and 50-52 have been amended as follows:

1. (Amended) A method of assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

displaying a guide illustration on a display screen in response to a user input, the illustration showing how to connect the main device and the at least one peripheral device, wherein the at least one peripheral device generates an audio signal and a video signal.

3. (Amended) The method of claim 1, wherein the guide illustration shows at least one terminal plate of the main device, at least one terminal plate of the at least one peripheral device and [a] at least one connection between the terminal plate of the main device and the terminal plate of the at least one peripheral device.

4. (Amended) The method of claim 1, wherein the guide illustration shows at least one terminal plate of the main device, [the] at least one terminal plate of more than one of the at least one peripheral device, and [a] at least one connection between the terminal plate of the main device and the terminal plate of at least one peripheral device.

5. (Amended) The method of claim 1, wherein the guide illustration shows [each] at least one terminal plate of the main device, [the] at least one terminal plate of more than one of the at least one peripheral device, and a connection between one of the terminal plates of the main device and the terminal plate of the at least one peripheral device.

6. (Amended) A method of assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

displaying an illustration on a display screen in response to a user input, the illustration showing at least one connecting portion of a main device, a connecting portion of the at least one peripheral device, and a connection between the at least one peripheral device and the main device, wherein the at least one peripheral device generates an audio signal and a video signal.

7. (Amended) The method of claim 6, wherein the illustration includes an animation to show the connection between the main device and the at least one peripheral device.

8. (Amended) The method of claim 6, wherein the illustration shows the connection between the at least one peripheral device and the main device in a highlighted form.

13. (Amended) The method of claim 6, wherein the illustration shows the connecting portion of [a plurality of] the at least one peripheral [devices] device.

14. (Amended) The method of claim 6, further comprising:
displaying a menu having a plurality of menu items, each menu item being associated with [at least one of a plurality of] the at least one peripheral [devices] device; and

receiving a user input on a selected menu item[; and],
wherein the displaying [an illustration] step displays an illustration associated with the selected menu item.

15. (Amended) The method of claim 14, wherein the displaying [a menu] step displays each menu item as an icon, each icon representing the at least one [or combination of] peripheral [devices] device or a combination thereof.

16. (Amended) The method of claim 14, wherein the receiving step [receives] includes receiving a signal from an input device indicating that a key of the input device associated with one of the menu items has been operated by the user.

17. (Amended) The method of claim 14, wherein the receiving step [receives] includes receiving signals from an input device

providing instructions on moving a cursor displayed on the display screen onto one of the menu items.

18. (Amended) A method of assisting a user to make [a] at least one connection between a main device and a peripheral device, comprising:

displaying an illustration on a display screen in response to user input, the illustration showing at least one connecting portion of a main device and a connection to the main device for a particular peripheral device, wherein the peripheral device generates an audio signal and a video signal.

20. (Amended) A method of assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

displaying an illustration on a display screen in response to a first user input, the illustration showing at least one connecting portion of the main device and [the] a connecting portion of the at least one peripheral device, wherein the at least one peripheral device generates an audio signal and a video signal.

21. (Amended) The method of claim **20**, further comprising:

adding a connection illustration to the displayed illustration in response to a second user input, the connection

illustration showing a connection between the connecting portion of the at least one peripheral device and the connecting portion of the main device.

22. (Amended) The method of claim **20**, further comprising:

displaying a second illustration on the display screen in response to a second user input, the second illustration showing the connecting portion of the main device, the connecting portion of the at least one peripheral device and a connection between the connecting portion of the at least one peripheral device and the connecting portion of the main device.

24. (Amended) The method of claim **20**, wherein the displaying step displays each connecting portion of the main device and the connecting portion of more than one of the at least one peripheral device.

25. (Amended) A method of assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

displaying an illustration on a display screen in response to a user input, the illustration visually demonstrating a connection to make between a connection portion of the at least one peripheral device and at least one connecting portion of a

main device, wherein the at least one peripheral device generates an audio signal and a video signal.

26. (Amended) A. method of assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

displaying an illustration directing a user on a connection to make between a connecting portion of the at least one peripheral device and at least one connecting portion of a main device on a display screen in response to a user input, wherein the at least one peripheral device generates an audio signal and a video signal.

27. (Amended) A method of assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

displaying an illustration guiding a user on a connection to make between a connecting portion of the at least one peripheral device and at least one connecting portion of a main device on a display screen in response to a user input, wherein the at least one peripheral device generates an audio signal and a video signal.

28. (Amended) An apparatus for assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

a display screen;

a display controller displaying a guide illustration on said display screen in response to a user input, the guide illustration showing how to connect the main device and the at least one peripheral device, wherein the at least one peripheral device generates an audio signal and a video signal.

30. (Amended) The apparatus of claim **28**, wherein the at least one peripheral device is one of a video cassette recorder, a digital versatile disk drive, a broadcast antenna, a satellite receiver, a cable box, a disk drive, speakers, a mouse, and a printer.

31. (Amended) The apparatus of claim **28**, further comprising:
a memory storing a plurality of guide illustrations, each guide illustration corresponding to one or a combination of the at least one peripheral devices.

32. (Amended) The apparatus of claim **28**, wherein the display controller is a display controller of the main device.

33. (Amended) An apparatus for assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

a display screen; and

a display controller displaying an illustration on said display screen in response to a user input, the illustration showing at least one connecting portion of [a] the main device, a connecting portion of the at least one peripheral device, and a connection between the at least one peripheral device and the main device, wherein the at least one peripheral device generates an audio signal and a video signal.

34. (Amended) The apparatus of claim **33**, wherein the illustration includes an animation to show the connection between the main device and the at least one peripheral device.

35. (Amended) The apparatus of claim **33**, wherein the illustration shows the connection between the at least one peripheral device and the main device in a highlighted form.

37. (Amended) The apparatus of claim **33**, further comprising:
a memory storing a plurality of illustrations, each illustration corresponding to one [or a combination] of the at least one peripheral [devices] device or a combination thereof.

40. (Amended) The apparatus of claim **33**, further comprising:
an input processor receiving the user input via one of a key input device connected to the input processor and a remote key input device, and processing the received user input[; and],
wherein the display controller displays a menu having a plurality of menu items, each menu item being associated with [at least one of a plurality of] the at least one peripheral [devices] device, and the display controller receives processed user input indicating a selection of a menu item and displays the illustration associated with the selected menu item.

41. (Amended) The apparatus of claim **40**, wherein the display controller displays each menu item as an icon, each icon representing [one or combination of] the at least one peripheral [devices] device or a combination thereof.

44. (Amended) An apparatus for assisting a user to make a connection to a main device, comprising:

a display screen; and

a display controller displaying an illustration on said display screen in response to a user input, the illustration showing at least one connecting portion of the main device and a connection to the main device for a particular peripheral

device, wherein the peripheral device generates an audio signal and a video signal.

45. (Amended) An apparatus for assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

a display screen; and

a display controller displaying a first illustration on said display screen in response to a first user input, the illustration showing at least one connecting portion of the main device and the connecting portion of the at least one peripheral device, wherein the at least one peripheral device generates an audio signal and a video signal.

46. (Amended) The apparatus of claim **45**, wherein the display controller adds a connection illustration to the displayed illustration in response to second user input, the connection illustration showing a connection between the connecting portion of the at least one peripheral device and the connecting portion of the main device.

47. (Amended) The apparatus of claim **46**, further comprising:
a memory storing the first illustration and a plurality of connection illustrations, each connection illustration being

associated with [one or combination of] the at least one
peripheral [devices] device or a combination thereof.

48. (Amended) The apparatus of claim **45**, wherein the display controller displays a second illustration on the display screen in response to second user input, the second illustration showing the connecting portion of the main device, the connecting portion of the at least one peripheral device and a connection between the connecting portion of the at least one peripheral device and the connecting portion of the main device.

50. (Amended) An apparatus for assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

a display screen; and

a display controller displaying an illustration on said display screen in response to a user input, the illustration visually demonstrating a connection to make between a connection portion of the at least one peripheral device and at least one connecting portion of [a] the main device, wherein the at least one peripheral device generates an audio signal and a video signal.

51. (Amended) An apparatus for assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

a display screen; and

a display controller displaying an illustration directing a user on a connection to make between a connecting portion of the at least one peripheral device and at least one connecting portion of [a] the main device on said display screen in response to a user input, wherein the at least one peripheral device generates an audio signal and a video signal.

52. (Amended) An apparatus for assisting a user to make a connection between a main device and [a] at least one peripheral device, comprising:

a display screen; and

a display controller displaying an illustration guiding a user on a connection to make between a connecting portion of the at least one peripheral device and at least one connecting portion of [a] the main device on said display screen in response to a user input, wherein the at least one peripheral device generates an audio signal and a video signal.